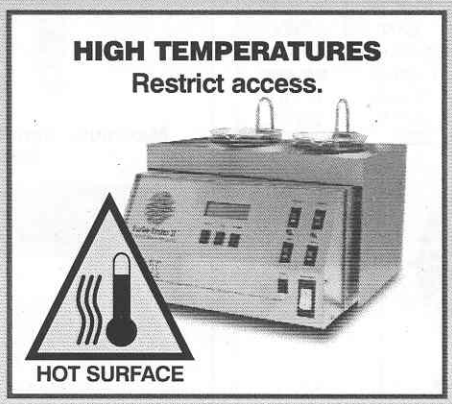
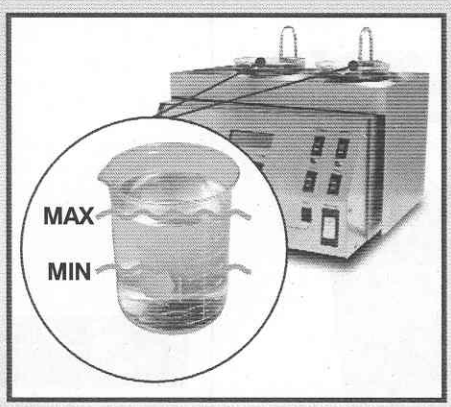
BPI®

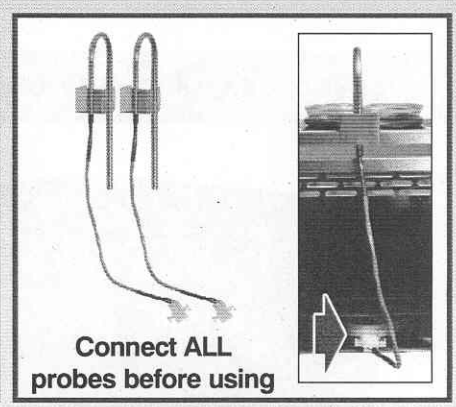
Operator/Safety Manual

BPI® Turbo Tinter 2™

All temperature probes must be connected at all times and installed in beakers before power is turned on. Always maintain adequate fluid levels in all beakers. Use only BPI® products. Read and understand all safety and instruction manuals. The user is responsible for maintaining this system to the latest electrical and safety operational standards. Updated safety information is available at www.callbpi.com.







BRAIN POWER INCORPORATED

Phone: **1-800-CALL-BPI** Fax: **1-888-CALL-BPI** Click: **callbpi.com**

International Phone: **001-305-264-4465** International Fax: **001-305-264-1467**

UK Toll-free: **0800 626278** UK International Phone: **01788-568686** France: **0800 90 81 57**

Mexico: **95 800 225 5274** Italy: **0800 872037** Germany: **0800 181-8058** Belgium: **0800 73703**

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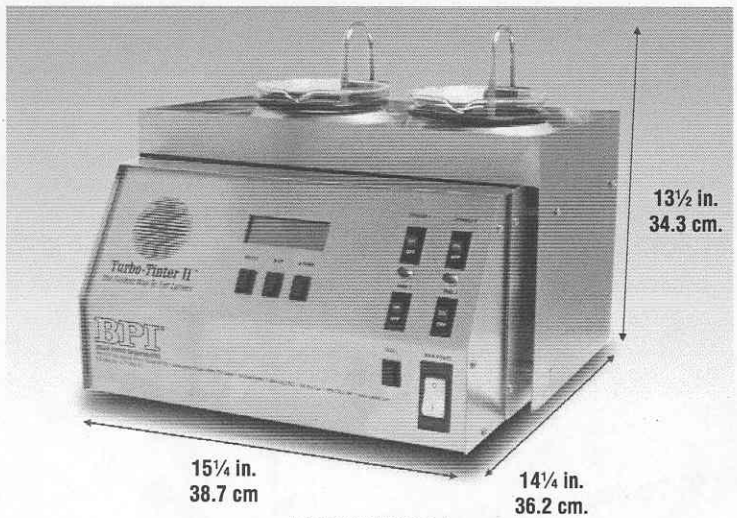
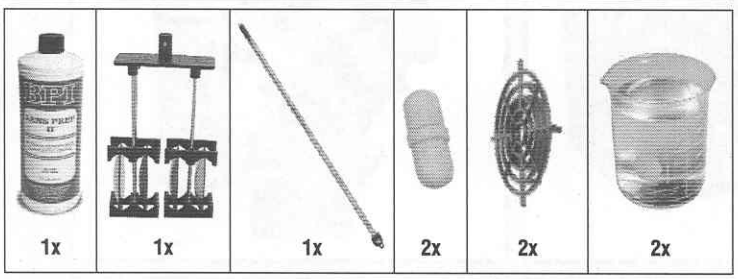
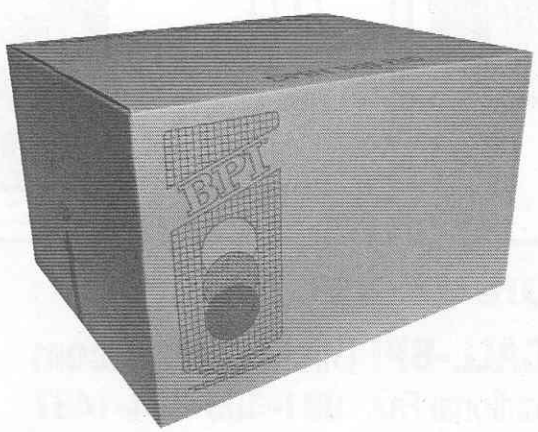


BPI# 9805 (110v)
BPI# 209810 (220v)

				V. BPI# 9805	V. BPI# 209805	A. BPI# 9805	A. BPI# 209805
2 x 1.6 qt	13½ in.	15¼ in.	14¼ in.	108-130 VAC 50/60 Hz. Voltage fluctuation not to exceed ± 10%	208-250 VAC 50/60 Hz. Voltage fluctuation not to exceed ± 10%	20 amps. 250v. Circuit breaker Amperage: 18 amps, 110 VAC	20 amps. 250v. Circuit breaker Amperage: 10 amps, 220 VAC
2 x 1.5 L	34.3 cm	38.7 cm	36.2 cm				



1 Inspect packaging before opening.



Damages:
1. Call shipper.
2. Call BPI® distributor or local BPI® office.

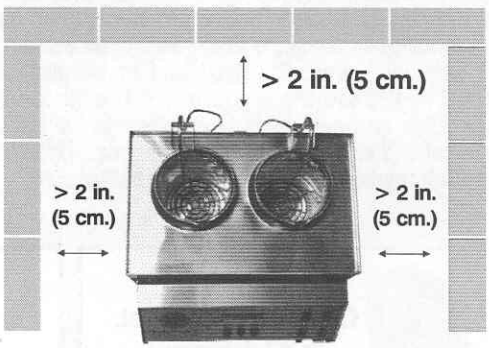
2 Locate unit on level surface near correct outlet with ground.

108-130 VAC +

BPI# 9805 (110v)

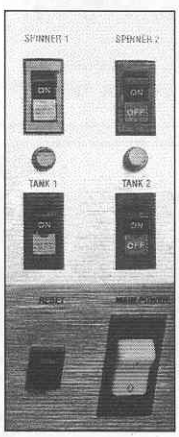
208-250 VAC +

BPI# 209810 (220v)

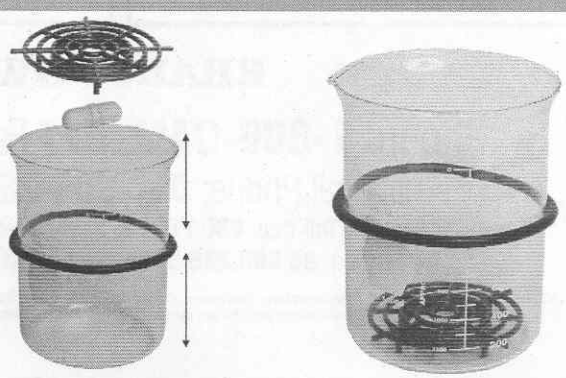


Maximum room temperature: 40°C (104°F). Maximum humidity: 93%
Installation category 2. Pollution degree 2.

3 Turn all switches off

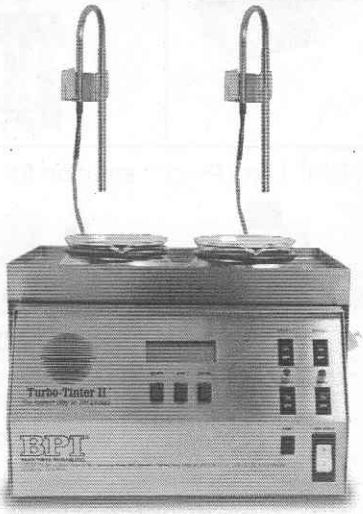


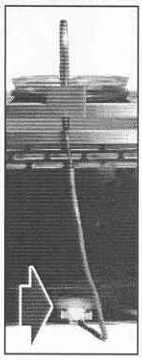
4 Install spinners, spinner covers & gaskets



5 Install tanks into the unit

6 Install ALL temperature probes

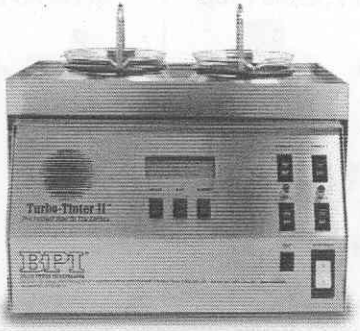




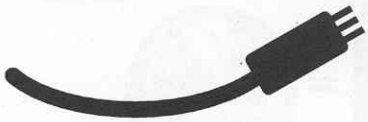
7 Add BPI® Lens Prep and BPI® Tints

1:32
Lens Prep:H20

1:10
Tint:H20
(Distilled water)



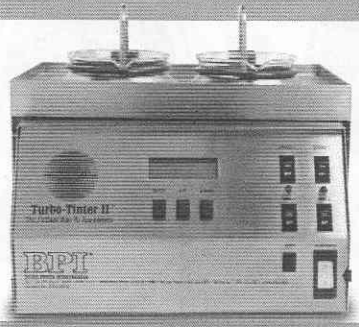
8 Connect power

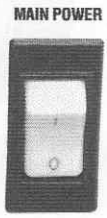


108-130 VAC
+
BPI# 9805
(110v)

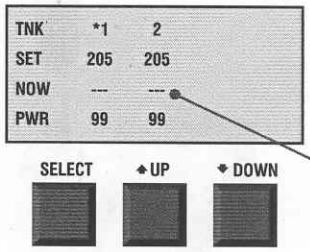
208-250 VAC
+
BPI# 209810
(220v)

9 Turn on main switch





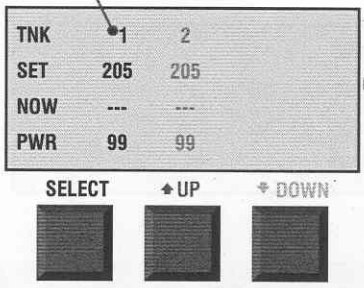
10 Turn on tank switches

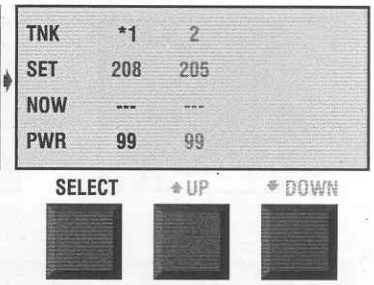


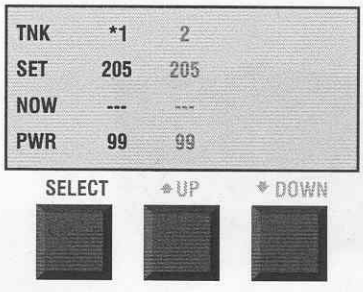
--- =<100° F
=< 38° C

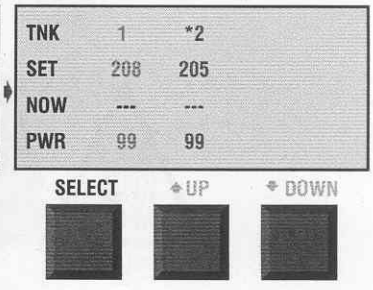
11 Set temperatures

* = Selected tank



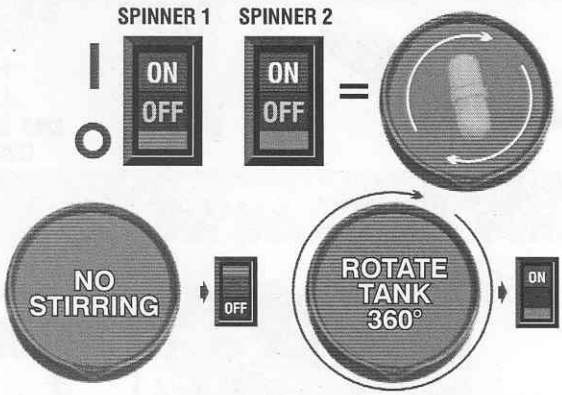




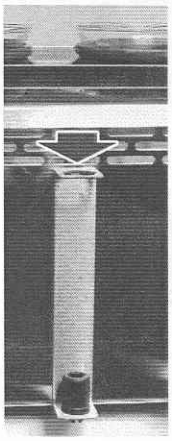


BPI®

12 Spinner controls

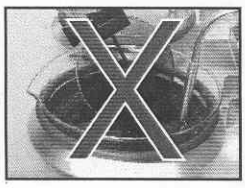


13 Attaching a gradient



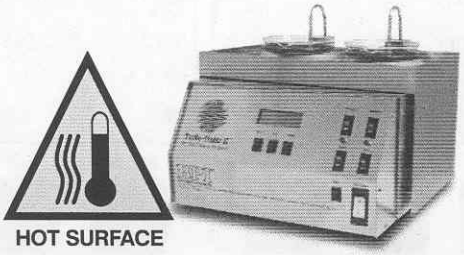
A gradient can be mounted on the back of the unit

14 Set temperature at 82°C or 180°F when not tinting. TURN OFF AFTER USE.

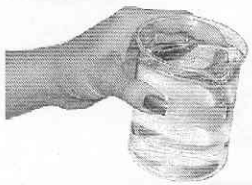


TNK	*1	2
SET	180	180
NOW	205	205
PWR	99	99

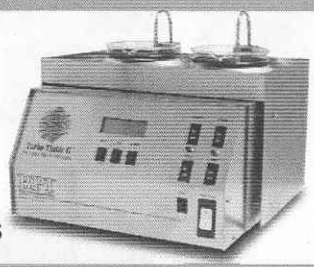
15 BEWARE OF HOT SURFACES



16 Add water



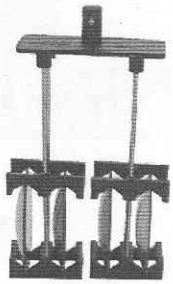
as tint level drops



17 Lens Tinting

1. Clean lenses

2. Load into a clean lens holder



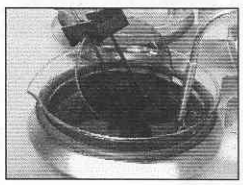
3. Soak in BPI® Lens Prep™ solution for 10 seconds

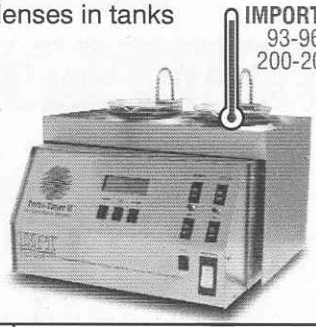
1 : 32
Lens Prep : H2O

93-96°C
200-205°F

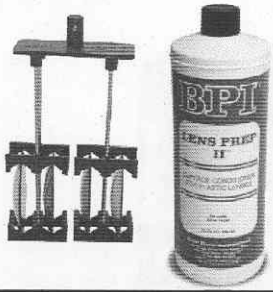
4. Immerse lenses in tanks

IMPORTANT!
93-96°C
200-205°F

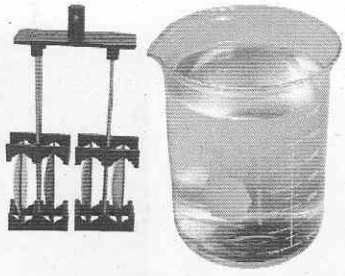




5. Rinse in BPI® Lens Prep™

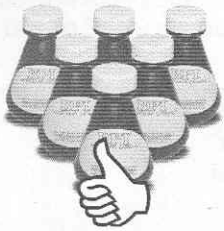


6. Rinse in cool water



18 Recommendations

Change tints regularly to prevent boilovers



UV Dyes

High flash point

Neutralizers

Water based

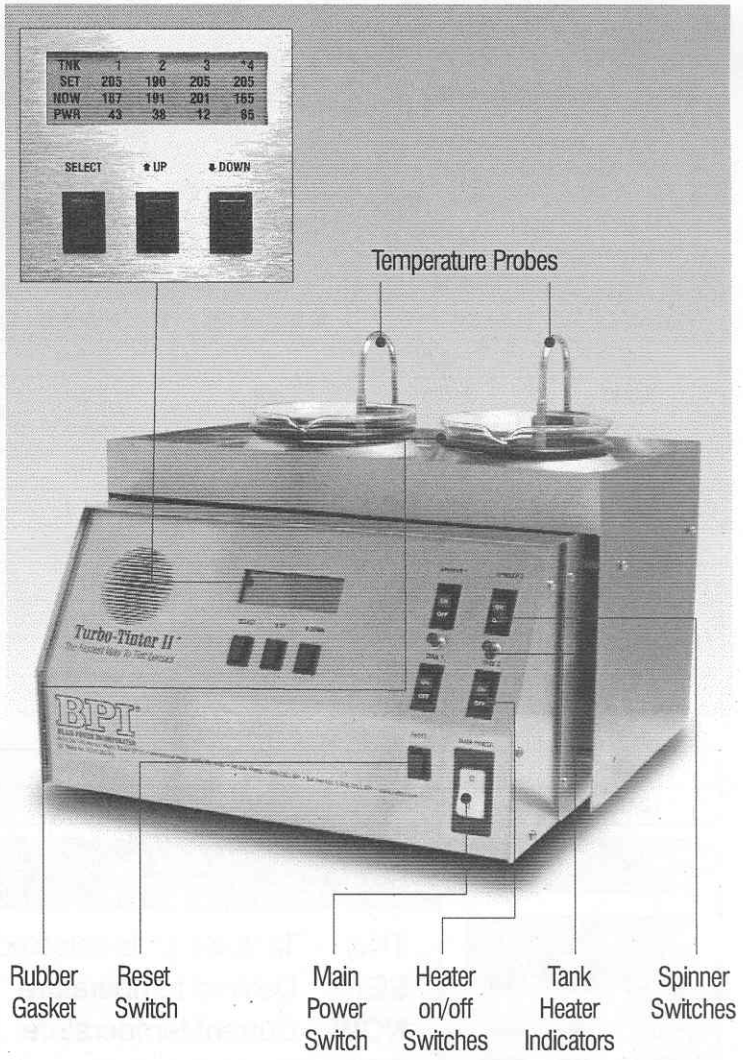
Vent Hoods

Clean unit with a damp cloth

Risk of electrical shock, NO operator serviceable parts inside. Do not remove any cabinet cover.

Protection provided by this equipment may be impaired if not used in the manner described in the manual.

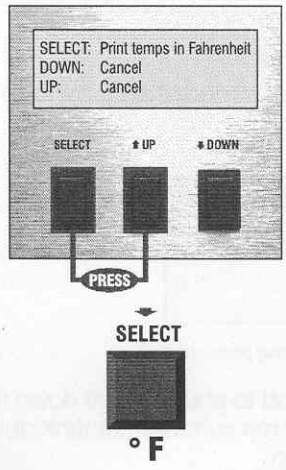
If the unit fails to function or the computer freezes, press the RESET button to restore normal function and reset to the default settings.



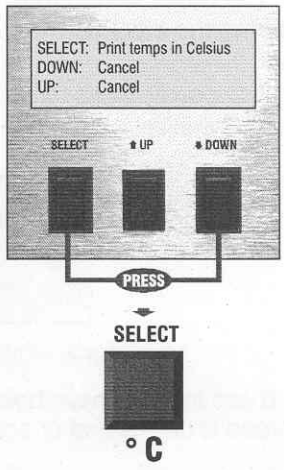
IF A TANK IS NOT HEATING

1. Note the temperature on the display.
2. Check the tank temperature with another thermometer.
3. If the two temperatures are different, calibrate the tank. (See page 6)
4. If the problem persists, the probe may have to be replaced.

DISPLAY IN ° F



DISPLAY IN ° C

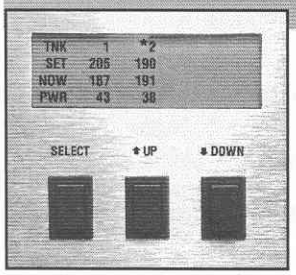


Altitude

MAXIMUM ALTITUDE: 2000 meters 6561 feet

FEET & ° FAHRENHEIT		METERS & ° CENTIGRADE	
ALTITUDE (FT)	TEMPERATURE (°F)	ALTITUDE (M)	TEMPERATURE (°C)
0	212.0	0	100.0
1,000	210.9	305	99.4
2,000	209.7	610	98.7
3,000	208.5	915	98.1
4,000	207.3	1,220	97.4
5,000	206.1	1,525	96.7
6,000	204.9	1,830	96.0
7,000	203.6	2,135	95.3
8,000	202.3	2,440	94.6
9,000	201.0	2,745	93.9
10,000	199.6	3,050	93.1
11,000	198.2	3,355	92.3
12,000	196.7	3,660	91.5

DISPLAY



TNK Tank with * is selected
SET Desired temperature
NOW Current temperature
PWR % of full power

Temperatures return to default when power is turned off

POWER SHUT-OFF SAFETY FEATURE

The power will be shut off if either:
1. The power level remains at 99% for more than 12 minutes **during** the initial warm-up.
or:
2. The power levels remains at 99% for more than 2 minutes **after** the initial warm-up.

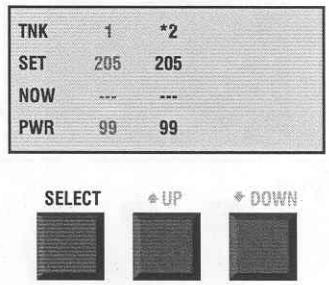
TNK	1	*2
SET	---	---
NOW	---	---
PWR	99	99

Display will be as above during power shut-off

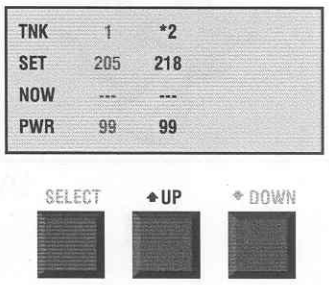
These features have been designed to shut the unit down if a probe is unplugged or accidentally removed from a tank during operation.

TANK CALIBRATION - Example: Turbo Tinter™ at altitude 6000 feet

1. Select a tank. (All tanks must be calibrated)

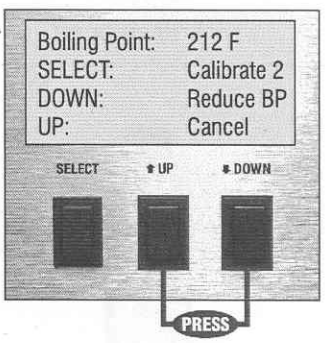


2. Increase temperature above 212°F or 100°C



3. Wait for tank to boil

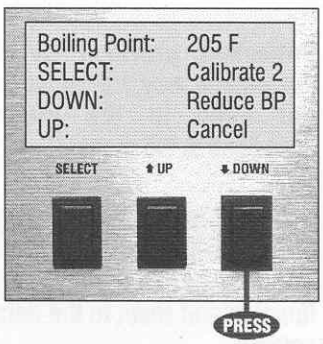
4. Press UP & DOWN at the same time



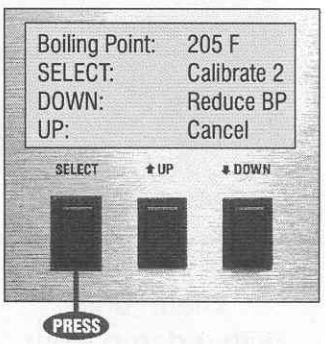
5. Look up altitude on the chart

ALTITUDE (FT)	TEMPERATURE (°F)	ALTITUDE (M)	TEMPERATURE (°C)
6,000	204.9	1,830	96.0

6. Press DOWN to change boiling temperature

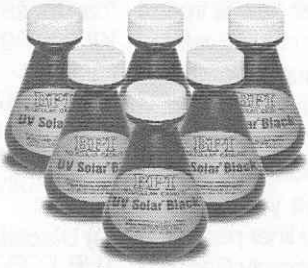


7. Press SELECT to keep. Repeat with other tanks



BPI® Turbo Tinter 4™ - Accessories

BPI® Molecular Catalytic Tints
+188 colors



BPI® Solar® Tints
UV & IR

BPI® Designed Spectrum® Tints
Therapeutic Tints

BPI® The Pill®. Lens Tints
+12 colors

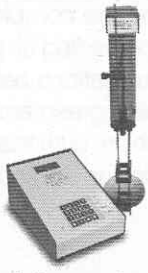
BPI® The Pill®. UV Caplet
UV protection

BPI® The Pill®. Neutralizer Lite
Neutralizer

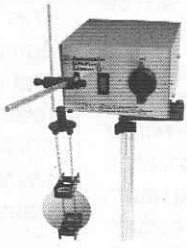
BPI® UV Crystal Clear™
Fast UV protection

BPI® H2O Neutralizer™
Water-based color remover

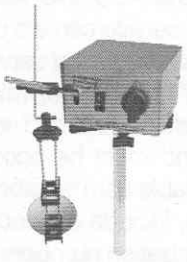
Kimwipes™ and Kaydrys™
Lens and machine cleaning



BPI® Advanced Computer Gradient III™
5 programs



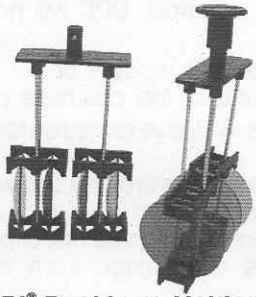
BPI® 4-Stroke Gradient III™
With timer



BPI® 5-Stroke Gradient III™
With timer. Gradient & solid tints

BPI® 1500 ml Beaker

BPI® UV Dual Lens Holder II™



BPI® Dual Lens Holder II™

BPI® Turbo Tinter 2™ Warranty

(1) What is covered by this warranty.
Brain Power, Inc. (BPI®) warrants, to the original purchaser only, that the tinting instrument unit that is the subject of this sale is free from defects in material or workmanship. This warranty is valid only in the fifty states of the United States. The duration of this warranty is thirty days from date of shipment for all units and component parts, other than stainless steel chassis and liner pans. If the Extended Warranty Card* is completely filled out and returned to BPI®, the duration of this warranty is one year. The duration of this warranty for stainless steel chassis and liner pans is thirty days from date of shipment. If the Extended Warranty Card* is completely filled out and returned to BPI®, the duration of this warranty for stainless steel chassis and liner pans is five years. In addition there is a 30 day money-back period (less charges for items not returned) in which the purchaser agrees to pay the shipping charges in both directions. If the buyer discovers within this period a defect in material or workmanship, it must promptly notify BPI® in writing. In no event shall such notification be received by BPI® later than 13 months from the date of shipment or in the case of defects to stainless steel chassis and liner pans later than 61 months from date of shipment. Within a reasonable time after such notification, BPI® will correct any defect in material or workmanship, with either new or used replacement parts. Such repair, including both parts and labor, is at BPI®'s expense for one year from date of shipment. After one year, repair of stainless steel chassis or liner pans will be done upon payment by the buyer of the current list price for the replacement part, less a pro-rata allowance for the unused service months based on the five year term. Buyer shall be responsible for all costs incurred in the removal, reinstallation, and shipping of the product for repairs and for return shipping costs. The unit must be checked annually by a certified electrician or returned to the factory for inspection. The use of chemicals other than BPI® products may cause damage to the instrument and void this warranty. All warranty service will be performed at service centers designated by BPI®. For the address of the nearest authorized service center, contact Brain Power, Inc., 4470 S.W. 74th Avenue, Miami, Florida 33155. Merchandise returned must be returned in the original shipping container or equivalent and must be accompanied by a return authorization number available from the above location. When requesting return authorization, include all model numbers shown on the product. Return authorization numbers may be obtained by calling BPI® toll-free at (800) 327-2250. If BPI® is unable to repair the tinting instrument unit to conform to the warranty after a reasonable number of attempts, BPI® will provide, at its option, one of the following:
(a) a replacement product, or
(b) full refund of the purchase price. These remedies are the purchaser's exclusive remedies for breach of warranty.

(2) What is not covered by this warranty.
BPI® does not warrant:
(a) any product, components, or parts not manufactured by BPI®,
(b) defects or damage from improper installation, wiring, or maintenance in violation of the Owner's Manual,
(c) damage caused by the use of the product for purposes other than those for which it was designed,
(d) damage caused by negligence, accident, fire, flood, wind, and lightning,
(e) damage caused by unauthorized attachments, modifications, or alterations,
(f) damage during shipment, or
(g) any other abuse or misuse by the purchaser.

(3) Disclaimer of Warranty.
THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

(4) Limitation of Remedies.
BPI® shall not be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of the tinting instrument unit or any associated equipment, cost of capital, cost of any substitute equipment, facilities or services, down- time, the claims of third parties including customers, and injury to the property. This limitation does not apply to claims for personal injury. Some states do not allow limits on warranties or on remedies for breach in certain transactions. In such states, the limits in this paragraph and in paragraph (3) may not apply.

(5) Time Limit for Bringing Suit.
Any action for breach of warranty must be commenced within one year from date of giving written notice to BPI® of any defects.

(6) No Other Warranties.
This agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. No employee, agent, dealer, or any other person is authorized to make any warranty on behalf of BPI® in addition to those made in this warranty.

(7) Allocation Of Risks.
This agreement allocates the risk of product failure between BPI® and the purchaser. This allocation is recognized by both parties and is reflected in the price of the goods. The purchaser acknowledges that it has read this agreement, understands it, and is bound by its terms.

***Extended Warranty Card**
BPI® requires the contact information provided on the Extended Warranty Card to be reviewed and, if necessary, updated by the purchaser each year so that the purchaser may be contacted for updates, changes or safety information.